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1896/97

m.s.p.

NEW YORK UNIVERSITY.

UNIVERSITY

GRADUATE SCHOOL.

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS



ANNOUNCEMENTS FOR 1896-1897.

WASHINGTON SQUARE, NEW YORK CITY.

CALENDAR, 1896-97.

1896.

Oct. 1,	Thursday,	Graduate School opens.
Oct. 31,	Saturday,	Time for filing Applications for Enrolment closes.
Nov. 26, 27,	Thur., Friday,	Thanksgiving Recess.
Dec. 25,	Friday,	Christmas Recess of one week.

1897.

Jan. 1,	Friday,	Time for filing Subject and Out- line of Thesis closes.
April 15,	Thursday,	Time for presenting Thesis closes.
April 16-19,		Easter Recess.
Apr. 26-May 8,	Mon. to Sat.,	Graduate School Examinations.
June 10,	Thursday,	COMMENCEMENT.

THE COUNCIL OF THE UNIVERSITY.

The Council of the University of the City of New York, incorporated the 18th of April, 1831, is a self-perpetuating body, consisting of thirty-two members, each holding office for four years, or until his successor is elected. One fourth of the members go out of office each year on the first Monday of November, when their successors are elected by the Council.

ROLL OF THE COUNCIL.

DATE OF ELECTION.		EXPIRATION OF TERM.
1836.	CHARLES BUTLER, LL.D.....	1898.
1862.	WILLIAM ALLEN BUTLER, LL.D.....	1898.
1865.	JOHN E. PARSONS.....	1897.
1869.	J. W. C. LEVERIDGE.....	1897.
1871.	WILLIAM A. WHEELOCK.....	1898.
1875.	JOHN HALL, D.D., LL.D.....	1896.
1881.	WILLIAM LORING ANDREWS.....	1898.
1882.	LEMUEL SKIDMORE.....	1896.
1883.	RODERICK TERRY, D.D	1899.
1883.	WILLIAM S. OPDYKE.....	1899.
1884.	SAMUEL SLOAN.....	1897.
1884.	DAVID BANKS.....	1897.
1884.	ROBERT SCHELL	1897.
1887.	GEORGE ALEXANDER, D.D.....	1899.
1887.	WILLIAM L. SKIDMORE...	1896.
1887.	GEORGE MUNRO.....	1896.
1890.	FREDERIC BAKER.....	1899.
1890.	ISRAEL C. PIERSON, Ph.D.....	1899.
1890.	WILLIAM F. HAVEMEYER.....	1898.
1891.	HENRY M. MACCRACKEN, D.D., LL.D..	1898.
1891.	JOSEPH S. AUERBACH.....	1898.
1892.	CHARLES T. BARNEY.....	1899.
1892.	CHARLES R. FLINT.....	1898.
1892.	JOHN P. MUNN, M.D.....	1896.
1893.	AUGUSTUS D. JUILLIARD.....	1896.
1893.	CHARLES R. OTIS.....	1899.
1893.	JOHN CLAFLIN.....	1896.
1894.	OLIVER H. PAYNE.....	1897.
1895.	MARCELLUS HARTLEY	1897.

OFFICERS AND COMMITTEES.

President—CHARLES BUTLER, LL.D.

Vice-President—WILLIAM ALLEN BUTLER, LL.D.

Secretary—ISRAEL C. PIERSON, PH.D.

Treasurer—WILLIAM F. HAVEMEYER.

Chancellor—HENRY M. MACCRACKEN, D.D., LL.D.

I.—ON FINANCE.

WILLIAM A. WHEELOCK.

WILLIAM F. HAVEMEYER.

ROBERT SCHELL.

FREDERIC BAKER.

A. D. JUILLIARD.

MARCELLUS HARTLEY.

II.—ON THE COLLEGE AND THE TECHNOLOGICAL WORK.

ISRAEL C. PIERSON, PH.D.

JOHN P. MUNN, M.D.

RODERICK TERRY, D.D.

III.—ON THE GRADUATE SCHOOL AND THE SCHOOL OF PEDAGOGY.

GEORGE ALEXANDER, D.D.

OLIVER H. PAYNE.

FREDERIC BAKER.

GEORGE MUNRO.

IV.—ON THE UNIVERSITY MEDICAL COLLEGE.

OLIVER H. PAYNE.

SAMUEL SLOAN.

CHARLES T. BARNEY.

V.—ON THE LAW SCHOOL.

WM. ALLEN BUTLER, LL.D.

WILLIAM S. OPDYKE.

JOHN E. PARSONS.

JOSEPH S. AUERBACH.

VI.—ON HONORARY DEGREES.

JOHN HALL, D.D., LL.D.

LEMUEL SKIDMORE.

WM. ALLEN BUTLER, LL.D.

GEORGE MUNRO.

VII.—ON THE LIBRARY.

DAVID BANKS.

J. W. C. LEVERIDGE.

WILLIAM L. ANDREWS.

WILLIAM L. SKIDMORE.

VIII.—ON VACANCIES.

WILLIAM S. OPDYKE.

FREDERIC BAKER.

WILLIAM A. WHEELOCK.

JOHN P. MUNN, M.D.

IX.—BUILDING COMMITTEE.

*University Heights.**Washington Square.*

DAVID BANKS.

A. D. JUILLIARD.

WILLIAM F. HAVEMEYER.

FREDERIC BAKER.

CHARLES T. BARNEY.

WILLIAM S. OPDYKE.

CHARLES R. FLINT.

JOHN CLAFLIN.

OLIVER H. PAYNE.

CHARLES R. OTIS.

JOHN P. MUNN, M.D.

X.—THE EXECUTIVE COMMITTEE.

(One member from each Standing Committee.)

WILLIAM S. OPDYKE.

DAVID BANKS.

ISRAEL C. PIERSON.

JOHN P. MUNN, M.D.

GEORGE MUNRO.

FREDERIC BAKER.

CHARLES T. BARNEY.

A. D. JUILLIARD.

With the Treasurer and the Chancellor, *ex officio*.

THE WOMAN'S ADVISORY COMMITTEE.

*President, Mrs. HENRY DRAPER.**Vice-President, Mrs. F. W. DOWNER.**Secretary, Mrs. EUGENE SMITH.**Treasurer, Mrs. C. A. HERTER.*

Term expiring 1896.

Term expiring 1897.

Mrs. WILLIAM F. COCHRAN.

Mrs. MARY J. FIELD.

Mrs. HENRY DRAPER.

Mrs. ALFRED L. LOOMIS.

Mrs. EDWARD C. BODMAN.

Miss HELEN M. GOULD.

Miss ANNIE B. JENNINGS.

Mrs. JOHN P. MUNN.

Miss IDA M. NORTHRUP.

Miss FRANCES E. LAKE.

Term expiring 1898.

Term expiring 1899.

Mrs. EUGENE SMITH.

Miss EMILY O. BUTLER.

Mrs. BENJAMIN WILLIAMSON.

Mrs. ALEXANDER.

Mrs. RICHARD M. HOE.

Mrs. C. A. HERTER.

Mrs. FREDERICK W. DOWNER.

Miss STIMSON.

Mrs. J. LOWRIE BELL.

Mrs. WELCOME G. HITCHCOCK.

DIRECTORY OF THE UNIVERSITY.

CHANCELLOR'S AND TREASURER'S OFFICES, AND COUNCIL ROOM,
Washington Square.

UNIVERSITY COLLEGE, University Heights.

UNIVERSITY GRADUATE SCHOOL, Washington Square.

SCHOOL OF ENGINEERING, University Heights.

SCHOOL OF PEDAGOGY, Washington Square.

UNIVERSITY MEDICAL COLLEGE, East Twenty-sixth Street,
between First Avenue and East River.

UNIVERSITY LAW SCHOOL, Washington Square.

UNIVERSITY HEIGHTS, the new site of the University College and of the School of Engineering, is upon Sedgwick Avenue, midway between Morris Heights and Fordham Heights.

Take the New York Central Railway to Morris Heights Station, seventeen minutes from Forty-second Street.

Or take the Sixth Avenue Elevated, and New York and Northern to Morris Heights or University Heights Station, about forty minutes from Forty-second Street by ordinary trains, and forty-two minutes from Rector Street by express trains.

The University College is eight to ten minutes from either station. Commutation rates have been arranged for students of the University. The college may also be reached by Cable Road to Washington Bridge, from which it is about fifteen minutes distant.

THE UNIVERSITY OF THE CITY OF NEW YORK.

HISTORY AND STATUTES.

THE University of the City of New York owes its foundation and its progress until this date to two classes of citizens : first, to public-spirited merchants, bankers, and professional men who have given labor and money to promote liberal learning in the metropolis upon the highest academic models. The names of twenty-two founders of the University are given at the close of this sketch. These men are types of the whole body of those who have, even until now, contributed of their time and means to this foundation. The second class of citizens who have created this University have been the faculties of teachers. The names of some of the eminent professors (selected under a limitation which is, perhaps, as fair as any possible one) are given below. The chief epochs in the history of the University are noted.

An important fact of which these epochs give no hint is the following early statute of the University, ordaining two divisions of the instruction in Arts and Science, corresponding to what are now commonly known as Graduate and Undergraduate courses. "The first shall comprise Professorships for instruction in the higher branches of Literature and Science, which shall be increased according to the progress of discovery, the wants of the community, and the financial means of the University. The second shall embrace what is usually deemed a full course of Classical, Philosophical, and Mathematical Instruction, and also a complete course of English Literature." Hon. Albert Gallatin, President of the Council in 1831, said, in a public meeting, October 20, 1830, as to the chief objects of the University : "One is to complete the studies commenced in the Colleges, . . . another is to diffuse knowledge." The statute named and the view expressed

were a half century in advance of the demand in America for university work proper in arts and science, a demand which is only now beginning to be made and to be met.

The University, as now existing, comprises the Council, which is by charter the Corporation, and Three Faculties, each in charge of its appropriate Department, viz., The Faculty of Arts and Science, dating from 1832 ; the Faculty of Medicine, dating from 1841 ; the Faculty of Law, dating from 1858.

EPOCHS

IN THE ORGANIZATION OF THE UNIVERSITY.

1829, December 16, *Meeting of nine gentlemen to consider "the establishment of a University in the city of New York on a liberal and extensive scale."*

1830, January 6, *Public meeting called by the above and others, in the Rooms of the Historical Society ; appointment by it of Standing Committee on Subscriptions.*

1830, October 15, *Election, by the Subscribers, of Members of the Council.*

1831, April 18, *Act of Incorporation.*

UNDER THE FACULTY OF ARTS AND SCIENCE.

1832, October, *Opening of College work*, closely followed by the erection (1832-35) of the University Building.

1835, *Invention, in the University, of the Recording Telegraph :*

“Your Philomathean Hall, the room I occupied—that room in the University was the birthplace of the Recording Telegraph.”—[Extract from address of Professor Morse at the Alumni Meeting of 1853.]

1839, *Invention, in the University, of the application of Photography to the representation of the human countenance.*

1864-66, *Founding of the General Endowment, in chief part by Mr. Loring Andrews.*

1886, *Organization of Graduate School.*

1890, *Academic Relation established between the University and the Union Theological Seminary.*

1890, *Organization of the School of Pedagogy.*
1890, *Appointment of the Woman's Advisory Committee.*
1892, *Purchase of University Heights.*
1894, *Removal to University Heights of the University College.*
1895, *Gift of the Library Building and of Hall for Students.*

UNDER THE FACULTY OF MEDICINE.

1841, *Opening of the College, on Broadway opposite Bond St.*
1851, *Removal to Fourteenth Street, near Irving Place.*
1853, *Procurement, by the Faculty, of the Law legalizing dissection in New York State.*
1869, *Removal (after the burning of the old edifice, in 1866, and a temporary stay in the New York Hospital) to East Twenty-sixth Street.*
1879, *Erection of the present College Building.*
1887, *Building of the Loomis Laboratory.*
1892, *Reorganization of Instruction.*
1896, *Adoption of Four Years' Course.*

UNDER THE FACULTY OF LAW.

1835, *Plan of Hon. B. F. Butler for the School adopted by the Council.*
1858, *Reorganization of the Department of Law.*
1863, *Founding of the Law Library by John Taylor Johnston.*
1895, *Opening of the new Halls at Washington Square, and establishment of morning, afternoon and evening Instruction.*

UNIVERSITY HEIGHTS.

In November of 1890, a movement was inaugurated to enlarge the work of the University by the securing of a new site for the University College, the School of Engineering, and the Graduate School (in part). On July 1, 1891, a site was secured, extending from Sedgwick Avenue to Aqueduct Avenue, immediately south of the new University Avenue (placed on the map of the city at the request of the University), which avenue is also called East 181st Street.

The single tract included in the College Campus comprises over twenty-two acres. In addition to this is a boat-house site on the water front. Further, the University has purchased several adjoining parcels in order to restrict the neighborhood against nuisances, and to secure sites for Fraternity Houses, professors' residences, and the like. The general verdict of the public who visit University Heights places it second in beauty to no other University site in the world.

The following are the names of the subscribers for the new grounds and buildings, who may be fairly designated "Founders of the University Heights." Since a portion of the purchase price remains to be paid, it is expected to add other names to this roll. The individual amounts credited range from \$100 upward. The benefactors marked (*) have died.

FOUNDERS OF UNIVERSITY HEIGHTS.

AUSTIN ABBOTT, LL.D.,(*)	'51	R. R. CROSBY, A.M., (*)	'34
GEORGE ALEXANDER, D.D.,		R. G. DUN,	
WILLIAM L. ANDREWS,		J. P. DUNCAN,	
J. D. ARCHBOLD,		S. B. DURYEA, A.M., (*)	'66
W. W. ATTERBURY, D.D.,		CHARLES R. FLINT,	
JOSEPH S. AUERBACH, A.M., '75		A. A. FREEMAN, D.D.,	'43
FREDERIC BAKER, A.M.,	'52	F. W. GEISSENHAIMER, A.M., '41	
DAVID BANKS,		WM. K. GILLETT, A.M.,	'80
CHARLES T. BARNEY,		JAY GOULD, (*)	
W. H. BEADLESTON, M. S.,(*)	'62	MISS HELEN MILLER GOULD,	
EDWARD C. BODMAN,		JOHN HALL, D.D.,	
BENJAMIN W. BOND, A.M., '62		WILLIAM F. HAVEMEYER,	
ROBERT BONNER,		C. N. HOAGLAND, M.D.,	
JAMES BOYD,	'82	G. H. HOUGHTON, D.D.,	'42
CHARLES B. BRUSH, Sc.D., '67		C. P. HUNTINGTON,	
E. M. BULKLEY,		JOHN H. INMAN,	
CHARLES BUTLER, LL.D.,		SAMUEL INSLEE, (*)	
WM. ALLEN BUTLER, LL.D., '43		JOHN B. IRELAND, A.M.,	'41
HUGH N. CAMP, (*)		ISAAC S. ISAACS, A.M.,	'65
JOHN CLAFLIN,		W. B. ISHAM,	

D. B. IVISON,	JOHN REID, D.D.,	'70
D. WILLIS JAMES,	JOHN M. REID, D.D.,	'39
MORRIS K. JESUP,	W. J. ROOME,	'78
A. D. JUILLIARD,	FRANK RUSSAK,	'75
JOHN S. KENNEDY,	JACOB RUSSAK,	'81
" A. B. K.,"	SAMUEL S. SANDS, (*)	'46
J. W. C. LEVERIDGE,	F. L. SATTERLEE, M.D.,	'65
ED. H. LITCHFIELD, A.M., '67	ROBERT SCHELL,	
SOLOMON LOEB,	JACOB H. SCHIFF,	
MORRIS LOEB, PH.D.,	HERMANN SCHWAB,	
A. L. LOOMIS, M.D., LL.D., (*)	MAX HENRY SELIGMAN,	'75
DAVID H. MACALPIN,	ELLIOTT F. SHEPARD, (*)	
HENRY M. MACCRACKEN, D.D.,	MRS. MARGARET L. SHEPARD,	
J. M'CREERY,	LEMUEL SKIDMORE, A.M., '61	
ROBERT MACLAY,	WILLIAM L. SKIDMORE,	
JOHN MACVEY, D.D.,	'60 SAMUEL SLOAN,	
H. W. T. MALI,	'64 JOHN SLOANE,	
FRANCIS F. MARBURY, (*)	CHARLES H. SNOW, C.E., '86	
E. B. MONROE, A.M., (*)	'53 JOSEPH STICKNEY,	
MRS. ELBERT B. MONROE,	JAMES STOKES, A.M.,	'63
J. PIERPONT MORGAN,	THOMAS STOKES, PH.B.,	'65
JOHN H. MOSS, A.M.,	'48 WILLIAM L. STRONG,	
JOHN P. MUNN, M.D.,	WILLIAM R. SYME, A.M.,	'62
GEORGE MUNRO, (*)	JAMES TALCOTT,	
WILLIAM H. NICHOLS, A.M., '70	WM. M. TAYLOR, D.D., (*)	
H. D. NOYES, M.D.,	'51 RODERICK TERRY, D.D.,	
WILLIAM S. OPDYKE, A.M., '56	CHARLES L. TIFFANY,	
LOUIS OTTMANN,	HENRY VAN SCHAICK, A.M., '43	
FRANCIS A. PALMER,	JENKINS VAN SCHAICK,	
OLIVER H. PAYNE A.M.,	MRS. MARY B. WHEELER,	
JOHN E. PARSONS, A.M.,	'48 WM. A. WHEELOCK, A.M., '43	
ISRAEL C. PIERSON, PH.D., '65	STANFORD WHITE, A.M.,	
W. M. POLK, M.D.,	G. G. WILLIAMS,	
GEORGE B. POST, A.M.,	'58 HENRY S. WILSON.	

THE CHARTER OF THE UNIVERSITY OF THE CITY OF NEW YORK.

ENACTED, April 18, 1831. Amended, February 23, 1893.

I. The subscribers and shareholders of "The University of New York" are hereby incorporated for the purpose of promoting literature and science. The corporation shall be known by the name of "The University of the City of New York," and by that name shall have perpetual succession, power to sue and be sued, to make and use a common seal, and alter the same at pleasure, to hold property, real and personal, to contract and be contracted with, and to buy and sell and otherwise dispose of lands and chattels, as to them shall seem necessary for the interests of the University.

II. The government and estate of the University shall be conducted and managed by a Council composed of thirty-two members. The location of the University shall be in the city of New York.

III. The present Council of the University of the City of New York, to wit: (Class of eighteen hundred and eighty-nine to eighteen hundred and ninety-three) Edward H. Litchfield, John E. Parsons, J. W. C. Leveridge, John Reid, Elbert B. Monroe, Samuel Sloan, David Banks, Robert Schell. (Class of eighteen hundred and ninety to eighteen hundred and ninety-four) Charles Butler, William Allen Butler, William A. Wheelock, Henry M. MacCracken, William L. Andrews, Israel C. Pierson, Joseph S. Auerbach, William F. Havemeyer. (Class of eighteen hundred and ninety-one to eighteen hundred and ninety-five) Alfred L. Loomis, Jenkins Van Schaick, William S. Opdyke, Roderick Terry, George Alexander, Charles R. Flint, Frederick Baker, Charles T. Barney. (Class of eighteen hundred and ninety-two to eighteen hundred and ninety-six) John Taylor Johnston, John Hall, Charles F. Deems, Lemuel Skidmore, William M. Taylor, George Munro, William L. Skidmore, John P. Munn and their successors, shall consti-

tute the Council for the government and management of the University.

IV. One fourth of the members of the Council as above named constituting one class shall go out of office annually and in the order in which their classes are named, when an election shall be held by the Council to supply their places. The Council may fill its own vacancies occurring previous to an annual election. Members going out of office shall be re-eligible.

V. The seat of any member of the Council who shall have been absent from its meetings for six months, without being excused, may, by a majority vote of the Council, be declared vacant.

VI. The Council may elect an executive committee of not less than eleven members, six of whom shall be a quorum, to transact, in the intervals between meetings of the Council, such business as the Council may authorize.

VII. Eleven members shall be a quorum for the transaction of business ; but no real estate shall be conveyed, nor appointments to office for a period beyond one year made (except to supply vacancies in the Council), unless there be present and voting at least seventeen members, and unless there shall be a concurrence of not less than eleven members, being a majority of all those present, in favor of the conveyance, or appointment in question.

VIII. Persons of every religious denomination shall be equally eligible to all offices and appointments.

IX. The University may grant to students under its charge diplomas or honorary testimonials, in such form as it may designate. It may also confer such literary honors, degrees and diplomas, as are usually granted by any university, college or seminary of learning in the United States.

X. Diplomas granted by the University shall entitle the possessors to the immunities and privileges allowed by usage

or statute, to the possessors of like diplomas from any college or seminary of learning in the State.

XI. No diploma shall be conferred by the University, but in conformity with the laws of the State in force at the time in conferring the same.

XII. This University shall be subject to the visitation of the regents of the University of this State, in the same manner and to the same extent as the various colleges in this State.

XIII. The Council shall have power to appoint its own officers, and all the officers of the University, to establish ordinances and by-laws, not contravening the laws or constitution of this State or of the United States ; and to expel any of its members for a violation thereof.

XIV. All the real and personal estate, and all interest in any real or personal property or estate of every name and nature whatsoever, and wheresoever the same may be, which is now vested in the University of the City of New York, as now constituted and organized, is hereby confirmed to and vested forever in the University of the City of New York, for the sole use and benefit of said University, and it shall be lawful to, and for the said University to grant, bargain, sell, demise, mortgage, improve and dispose of said property, in such manner as to the Council of said University shall seem meet. Such real estate as is now and has been for over fifty years last past occupied by the said University as a site, shall remain exempt from taxation so long as the entire university instruction in the Law School, the entire instruction in the School of Pedagogy, and the administration office of the University shall be continued there. Such real estate as may be used as a new site for the enlargement of the work of the University shall be exempt from taxation, but only so long as it may continue to be used for educational purposes.

XV. The Legislature may at any time alter, repeal, or modify this act.

ACT OF THE COUNCIL CONSTITUTING THE WOMAN'S COMMITTEE.

The Council of the University of the City of New York, recognizing that the present year's enrolment of graduate students includes the names of several women graduates of various colleges, who are pursuing here advanced courses in Greek, English, Physics, Geology, and History of Education, as candidates for the Doctorate of Philosophy ; and further recognizing that the School of Pedagogy, founded the present month for the instruction in Pedagogy of graduates of colleges and of New York State Normal Schools, and of others of equal attainments with these, is likely to enroll women in equal numbers with men, deems it expedient that this corporation shall have the co-operation of representative women, who will be interested in the promotion of University work for women in the most advanced lines of study and investigation.

To this end the Council hereby establishes THE WOMAN'S ADVISORY COMMITTEE OF THE UNIVERSITY OF THE CITY OF NEW YORK, to be composed of twelve members, women, appointed by the Council, one fourth to go out of office annually upon May 1, when their successors shall be appointed by the Council.*

The Council places the Council Room at the command of this Committee for its meetings at any time not reserved for meetings of the Council. It refers to the Committee the making of its own by-laws and appointment of its own officers ; also the formation of plans and the making of recommendations for the advancement of the University's work for women ; but all such plans or recommendations shall, as in the case of other committees, be reported to and approved by the Council.

* This paragraph has been amended to allow an increase of the membership.

ACADEMIC COSTUME.

THE University adopted June 3, 1895, the statute concerning academic costume recommended by the conference of representatives of certain Universities and Colleges, held May 16, 1895, an addition to the same being made on behalf of students wearing degrees in Pedagogy, which at this date are given by no other University. The statute consists of two sections, as follows :

Section 1. The following described academic costume is adopted, to be worn upon all appropriate occasions, as indicating the several Degrees and the Faculties to which they pertain.

GOWNS.

1. *Pattern.* Those commonly worn, with pointed sleeves for the Bachelor's Degree, with long closed sleeves for the Master's Degree, and with round open sleeves for the Doctor's Degree. 2. *Material.* Worsted stuff for the Bachelor's Degree, silk for the Master's and Doctor's Degrees. 3. *Color.* Black. 4. *Trimmings.* For the Bachelor's and Master's Degrees the gowns are to be untrimmed. For the Doctor's Degree the gown is to be faced down the front with black velvet, with bars of the same across the sleeves ; or the facings and cross bars may be of velvet of the same color as the binding or edging of the hood, being distinctive of the Faculty to which the Degree pertains.

HOODS.

1. *Pattern.* The pattern usually followed by Colleges and Universities, save as modified below. 2. *Material.* The same as that of the gown. 3. *Color.* Black. 4. *Length.* The length and form of the hood will indicate the degree, as follows : For the Bachelor's Degree, the length shall be three fourths that of the Master's Degree. The Master's Degree shall be of the customary length, not exceeding four feet ; and the Doctor's Degree shall be of the same length,

but have panels at the sides. 5. *Linings.* The hoods shall be lined with the official color of the University. 6. *Trimmings.* The binding or edging, not more than six inches in width, to be of silk, satin or velvet, the color to be distinctive of the Faculty to which the degree pertains, thus : Arts and Letters, white. Philosophy, dark blue. Science, gold yellow. Pedagogy, French gray. Theology, scarlet. Law, purple. Medicine, green. Fine Arts, brown. Music, pink.

CAPS.

The caps shall be of the material and form generally used, and commonly called mortar-board caps. The color shall be black. The Doctor's cap may be of velvet. Each cap shall be ornamented with a long tassel attached to the middle point of the top. The tassel of the Doctor's cap may be, in whole or in part, of gold thread.

Section 2. Members of the Governing Body shall be entitled, during their term of office, to wear the gown of highest dignity—that of the Doctor's Degree—together with the hood appropriate to the degree which they may have severally received. Members of the Faculties and any persons officially connected with the University, who have been recipients of academic honors from other universities or colleges in good standing, may assume the academic costume corresponding to their degree, as described in the foregoing section, *provided* that such right shall terminate if such persons shall cease to be connected with the University. The President and Deans of Faculty may adopt distinctive badges, not inconsistent with the costume hereinbefore described.

CHANGE OF NAME.

Upon the unanimous request of the University Corporation, the University Regents of the State of New York, under the powers committed to them by the Constitution of the State, enacted a statute March 19, 1896, changing the name of the University of the City of New York to the NEW YORK UNIVERSITY. Henceforth this legal designation should be used in all papers of any kind whatsoever relating to this University.

NECROLOGY, 1895-96.

WILLIAM C. JARVIS, died 1895 ; M.D. from the University Medical College, 1872 ; Clinical Professor of Laryngology in University Medical College.

AUSTIN ABBOTT, died Sunday, April 19, 1896 ; son of Jacob Abbott and Harriet (Vaughan) Abbott ; born, Boston, Mass., December 18, 1831. Commencement Orator; Editor of *Eucleian* ; Dean of the University Law School and Professor of Equity and Jurisprudence, Law of Evidence and Pleading, since 1891 ; A.B. 1851, and LL.D. 1886, from University City of New York. Brothers : Benjamin V., 1850; Lyman, 1853 ; and Edward, 1860.

GEORGE MUNRO, died Thursday, April 23, 1896 ; born in Nova Scotia, November 12, 1825 ; graduate of Dalhousie College ; Member of the University Council since 1887 ; First Chairman of the Committee upon University Heights, 1890 ; Member of the University Executive Committee from its first appointment ; Benefactor of the University.

GRADUATE SCHOOL.

FACULTY.

HENRY M. MACCRACKEN, D.D., LL.D.,

Chancellor of the University; Professor of Phil-

osophy,

University Heights.

JOHN DYNELEY PRINCE, Ph.D.,

Dean of the Faculty; Professor of Semitic Lan-

guages and Comparative Philology,

19 West 34th St.

HENRY M. BAIRD, D.D., LL.D.,

Professor of the Greek Language and Literature,

219 Palisade Ave., Yonkers.

JOHN J. STEVENSON, Ph.D., LL.D.,

Professor of Geology,

468 West End Ave.

ISAAC F. RUSSELL, M.A., J.C.D., LL.D.,

Professor of Sociology,

120 Broadway.

DANIEL W. HERING, C.E., Ph.D.,

Professor of Physics,

128 West 129th St.

ABRAM S. ISAACS, Ph.D.,

Professor of German Literature,

2 West 14th St.

FRANK F. ELLINWOOD, D.D.,

Professor of Comparative Religion,

144 West 78th St.

FRANCIS HOVEY STODDARD, M.A.,

Professor of the English Language and Litera-

ture,

27 West 11th St.

ROBERT W. HALL, M.A., M.E.,

Professor of Analytical Chemistry,

712 Fifth Ave.

WILLIAM KENDALL GILLETT, M.A.,

Professor of Romance Languages,

Pelham Manor, N. Y.

EDGAR DUBS SHIMER, Ph.D.,

Professor of Descriptive Psychology,

Jamaica, Long Island.

MORRIS LOEB, PH.D.,
Professor of Chemistry, 118 West 72d St.

ERNEST GOTTLIEB SIHLER, PH.D.,
Professor of the Latin Language and Literature, 62 East 125th St.

POMEROY LADUE, B.S.,
Professor of Mathematics; Secretary of the Faculty, University Heights.

MARSHALL S. BROWN, M.A.,
Professor of History and Political Science, University Heights.

CHARLES B. BLISS, PH.D.,
Professor of Experimental Psychology, University Heights.

LAWRENCE A. MCLOUTH, B.A.,
Professor of the German Language and Literature, University Heights.

SAMUEL WEIR, PH.D.,
Professor of the History of Education and of Ethics, University Heights.

FRANK M. COLBY, M.A.,
Professor of Economics, 7 East 30th St.

FREDERIC TABER COOPER, M.A., LL.B., PH.D.,
Professor of Sanskrit; Associate Professor of Latin, 177 Warburton Ave., Yonkers.

GEORGES H. CANTE, B. ès L., B. et Lic. en Droit,
Professor of French Literature, 135 West 41st St.

GEORGE W. OSBORN, B.A.,
Instructor in Semitic Languages, University Heights.

HENRY A. SILL, M.A.,
Instructor in History, University Heights.

ANNOUNCEMENTS FOR 1896-1897.

THE graduate work is under the charge of the Faculty of the Graduate School, the members of which are such professors as are appointed by the Council to give graduate instruction. This Faculty has the control and management of the Graduate School, subject only to the Council's Committee.

The Graduate School includes all examinations and courses of instruction offered by the University to candidates for the degrees of Master of Arts, Master of Philosophy, Master of Science, Doctor of Philosophy, or Doctor of Science. The University will confer the degrees of Master of Arts, Master of Philosophy, Master of Science, Doctor of Philosophy, and Doctor of Science only upon examination.

In order to be eligible to any one of these degrees the candidate must have received the degree of Bachelor from a college of good standing. In an extraordinary case where the degree has not been received, as, for example, in the case of a person who has studied in a foreign university where the degree is not given, a candidate may be received by special act of the Faculty upon the presentation of testimonials establishing the fact that he has pursued a course of training equivalent to the undergraduate college course of this University.

The University will give instruction in the graduate courses named below in preparation for the examinations for advanced degrees.

A satisfactory knowledge of French and German is highly desirable for every student in the Graduate School, and a reading knowledge of one or both of these languages will be required for admission to many of the courses.

I. REGISTRATION AND REPORTS.

Every candidate for enrolment shall fill out a blank form to be obtained by him upon application by mail to the Dean or Secretary, and shall return the same, together with the testimonials therein specified as required, on or before the 31st day of October. But no candidate shall be considered as finally enrolled until the Faculty shall have acted upon and approved his application. Upon the admission of the candidate to final enrolment, the Secretary will promptly mail to him a certificate of admission.

A report of the result of each year's examination will be mailed by the Secretary to each candidate within one month from the time when such examination shall have been undertaken.

II. REQUIREMENT OF RESIDENCE.

Admission to examinations will be given to those only who have been resident students pursuing courses of study in the Graduate School for at least one year. Residence demands regular attendance upon the lectures given in a course.

III. EXAMINATIONS FOR ADVANCED DEGREES.

1. Candidates will be examined for admission to the Degree of Master of Arts (M.A.), of Master of Philosophy (Ph.M.), of Master of Science (M.S.), of Doctor of Philosophy (Ph.D.), and of Doctor of Science (Sc.D.)
2. The degree of Master will be given to none save Bachelors of at least two years' standing ; the degree of Doctor to none save Bachelors of at least three years' standing.
3. No one will be admitted to examination for the degree of Master who has not been enrolled for one entire Academic year. No one will be admitted to examination for the degree of Doctor who has not been enrolled for two entire Academic years.

4. The subjects of the examinations, in each case, may be chosen, with the limitations hereinafter named, from among the subjects upon which graduate instruction is offered.
5. Not more than three examinations may be taken in one year by any candidate.
6. The student's choice of courses as regards both number and subjects shall in every case be subject to the approval of the Faculty.
7. For admission to the degree of Master, examinations must be passed in three courses, of which not more than two may belong to the Major series for the Doctorate, as defined below.
8. For admission to the degree of Doctor, examinations (including examinations passed here for the Master's degree) must be passed in six courses, to be chosen in three Departments, as follows : A Major series of three courses in one Department, or in one of the divisions of a Department which is subdivided ; a first Minor series of two courses, of which one must be in a second Department or second division of a Department in the same Group with the first Department selected ; a second Minor course in a third Department. These courses must be chosen subject to the following limitations: of the courses marked with an asterisk, not more than two may be included in the Major series ; candidates for Doctor of Science may not elect courses outside of Group III. for the Major series and first Minor series ; candidates for Doctor of Philosophy may not elect courses outside Groups I. and II. for the Major series and first Minor series. In addition to the examinations in the six courses, the Thesis and the final oral examination, as described below, are required for the Doctorate.
9. The Examining Committee will consist in each case of the professor of the branch in which the examination is to be held, together with a second examiner appointed by the Faculty.

10. The particular rules governing examinations are as follows : (a) The examinations shall be held as far as possible in the last week of April or the first week of May. (b) The duration of each examination shall be from three to four hours. (c) When extended written work, such as has heretofore been required in courses under the name of themes, monographs or theses, shall have been presented before the day of examination, it may, at the professor's discretion, be reckoned as covering one half of the time required for examination. Such written work will be considered by the Committee as a part of the examination exercise. (d) The least time devoted in any case to the written examination on the part of a student shall be one hour and a half. (e) For the degree of Doctor, a Thesis to be known as the "Thesis for the Doctorate" shall be submitted by the candidate not later than April 15 preceding the Commencement, at which the conferment of the degree is sought. The candidate is required to report the subject of his Thesis and an outline of the same not later than January 1. This Thesis must discuss a subject belonging to the Department or Division in which the candidate has taken his three Major courses, and must show original treatment or give evidence of independent research. The Thesis must be accompanied by an analytical table of contents and by a bibliography of the subject prefixed to the same. Reference to authorities must be indicated clearly in footnotes. The Thesis must be presented in typewriting, or in a perfectly legible hand, on paper 8 x 11 inches in size, bound, with the writer's name lettered upon the cover. The number of words in the Thesis shall be not less than five thousand, except upon action of the Faculty. The Secretary will receive the Thesis ; a committee consisting of two persons, appointed by the Faculty, shall report in writing upon its acceptance or rejection. (f) In addition to the written examinations and the Thesis, there shall be a final oral examination

of the candidate for the Doctorate upon his Major subject. This examination shall test the candidate's knowledge of his Major subject as derived from collateral study, as well as from the courses taken here, and shall be conducted by the professors in charge of his Major series, in the presence of a quorum of the Faculty, which quorum shall consist of members of the Faculty, in number equal to those giving instruction in the group which the candidate has selected.

IV. UNION THEOLOGICAL SEMINARY STUDENTS.

Consistently with the agreement between the New York University and the Union Theological Seminary, made in May, 1890, the University will admit to graduate courses and examinations free of all charge such students of the Seminary as may be designated by its President and accepted by the Faculty of the Graduate School.

Certain courses in the Union Theological Seminary may be counted as part of the minor courses required by the University for the degrees of M.A. and Ph.D., but only so far as may be approved by the Faculty of the Graduate School. This approval must be secured in the month of October preceding the final examinations for the degree in question.

V. CREDIT FOR GRADUATE WORK IN OTHER UNIVERSITIES.

Credit may be given for graduate work done in certain Universities of established reputation in graduate work, when properly certified to and approved by the Faculty of the Graduate School.

VI. THE CHARLES F. DEEMS LECTURESHIP OF PHILOSOPHY.

The University accepted, April 15, 1895, from the American Institute of Christian Philosophy an endowment of Fifteen Thousand Dollars for the following object :

The support of a lectureship to be called the Charles F. Deems Lectureship of Philosophy. The University agrees to maintain and conduct said lectureship by choosing and securing for each year, or each alternate year, a Lecturer, eminent in Science and Philosophy, who shall treat in not less than six lectures some one of the most important questions of Science and Philosophy, with a special reference to its relation to the revealed truths of the Holy Scriptures and to the fundamental principles of Theistic Philosophy.

The Lecturer shall be chosen by the University's Committee upon the Charles F. Deems Lectureship, which shall consist of the Chancellor and two members of the Faculty of Arts and Science and two members of the University Council, to be named as the Council may direct. The subject for each year's lectures shall be agreed upon between this Committee and the Lecturer.

The University shall provide, free of charge, a room for the lectures, and shall, at its own expense, make due public announcement of the time and place of each lecture. And the University shall publish, in book form, each series of lectures, and put the same on sale with one or more reputable book firms, provided this can be done without further expense than can be met by the accumulation of income over and above the expense of maintaining the annual or biennial series of lectures.

The University's Committee at present is constituted as follows : Chancellor MacCracken, Dean Baird, Dean Prince, Mr. William S. Opdyke, and Rev. Dr. George Alexander.

VII. FEES.

The fee for instruction and examination in each course for either degree is \$25, payable upon November 1, or upon enrollment. The diploma fee of either degree is \$10. For laboratory courses, however, there are additional fees for apparatus and for materials consumed.

VIII. GRADUATE SCHOLARSHIPS.

REMSEN GRADUATE SCHOLARSHIP.—This scholarship was founded April, 1896, by R. G. Remsen, Jr., '73.

RICHARD H. BULL GRADUATE SCHOLARSHIP.—This scholarship was founded June 1, 1887, by Richard H. Bull, Ph.D., who filled the chair of Engineering from 1853 to 1884.

FACULTY GRADUATE SCHOLARSHIPS covering tuition are in the gift of the Faculty, to be bestowed upon graduate students who may be found entitled to them by their scholarship. They are intended to provide for the fees for courses in the Graduate School. To obtain one of these scholarships, a student must have enrolled himself and paid his fees for the year by November 1. He must, by November 30, have presented to the Dean a statement including the following items: (1) The college at which his Bachelor's degree has been received, specifying the particular degree and the year of its reception. (2) The number of members in his class at graduation. (3) His own relative position in the class (by giving his number on the roll arranged according to scholarship). (4) The branch of study in which he made his best record. (5) Certification of above by some officer of the college named.

The Faculty will select the man or men standing highest as judged by the record obtained as above named, and further by such original work and special testimonials of work as may be offered by the candidate to the Faculty and accepted.

GRADUATE SCHOLARSHIPS FOR ALUMNI OF CERTAIN COLLEGES IN OHIO.—The following scholarships provide tuition,

each to the amount of not over \$100 a year, in the University Graduate Seminary for such graduate of the college named, as its President may recommend to the Chancellor of the University.

WILLIAM L. STRONG SCHOLARSHIP, for graduates of Kenyon College, Gambier.

A. D. JUILLIARD SCHOLARSHIP, for graduates of Wooster University, Wooster.

CHARLES T. BARNEY SCHOLARSHIP, for graduates of Western Reserve University, Cleveland.

S. LOEB SCHOLARSHIP, for graduates of University of Cincinnati.

HENRY M. MACCRACKEN SCHOLARSHIP, for graduates of Wittenberg College, Springfield.

COURSES OF INSTRUCTION.

Graduate Courses of Instruction are announced below, with the understanding that the instruction in each branch is subject to the conditions hereinafter specified.

1. Each professor offers his courses subject to such arrangement of matters of detail as may be made between the candidate and himself by correspondence or by personal interview.
2. In certain subjects the courses are offered under the condition that a circle of not less than five persons be formed for the pursuit of the course selected.
3. For certain courses acquaintance with the German and French languages is essential.

GROUP I.—LANGUAGE AND LITERATURE.

GREEK.

I. Course of Reading in PLATO. Selections from the Republic and the Laws, the Phædo, and Protagoras.

Professor Baird.

II. ARISTOTLE. Course in the Politics. Edition of Suse-mihl, Commentary of Jowett, etc. Professor Baird.

III. POLYBIUS. Selections with use of editions of Schweig-haeuser, Strachan-Davidson, etc. Professor Baird.

IV. THUCYDIDES.

Professor Baird.

V. MODERN GREEK.

Professor Baird.

LATIN.

I. Historical and literary study of writers containing the sources of the history of the first century of the Imperial Era. *Monumentum Ancyranum.* Professor Sihler.

II. Study of QUINTILIAN and RUTILIUS, with survey of Ancient Rhetoric. Volkmann's work. Ernesti's *Lexica Technologiae.* Professor Sihler.

III. *Lucretius de Natura Rerum*, with introductory lectures on the position of Democritus and Epicurus in the history of Greek philosophy. Professor Sihler.

IV. Political and Literary Biography of M. TULLIUS CICERO, with analysis of typical works from the four main groups of his literary composition. Professor Sihler.

V. History of Roman Literature from Livius Andronicus to the death of Augustus, with special attention to the incidental notices in Cicero, Quintilian, Suetonius, Gellius, and Fronto, and in the *Dialogus of Tacitus*. Professor Sihler.

VI. Study of the African Writers, with selections from Gellius, Fronto, and Apuleius. Professor Cooper.

VII. The *Cena Trimalchionis* of Petronius, studied with special reference to Plebeian Latin ; lectures on the development of the Roman Novel. Professor Cooper.

VIII. Lectures on the Topography of Rome. Professor Cooper.

SEMITIC LANGUAGES.

ARABIC.

* I. For beginners. Selections from Socin's Arabic Grammar. Reading of Sir William Muir's *Extracts from the Coran*. Mr. Osborn.

II. Caspari's Arabic Grammar. Reading of the Thousand and One Nights. Selections from the geographical and historical writers. Professor Prince.

III. Readings from the Coran, with study of its composition and teaching. Professor Prince.

IV. Selections from Arabic poetical writers. Professor Prince.

(Courses III. and IV. need not necessarily be taken consecutively.)

ARAMAIC.

* I. Biblical Aramaic. Readings from Daniel and Ezra, with reference to Kautzsch, *Grammatik des Biblisch-Aramäischen*. Mr. Osborn.

II. Selections from the Targums. Mr. Osborn.

ASSYRIAN.

* I. For beginners. Selections from Delitzsch, *Assyrische Lesestücke*, with careful study of the cuneiform syllabary and the grammar of the Assyrian language.

Professor Prince.

II. Study of Assyrian narrative and poetry. Reading of Babylonian texts. Introduction to the bilingual texts.

Professor Prince.

III. Study of the bilingual texts, with exercises in reading from the original clay. Professor Prince.

IV. Advanced work on bilingual texts, contracts and letters. Professor Prince.

HEBREW.

* I. (a) Sight reading from the narrative sections of the Old Testament, with exercises in translating into Hebrew. (b) Exegetical study of at least one Prophetic book, or a portion of the Psalms. (c) Introduction to the critical study of the Old Testament. Lectures on the composition of the Canon, with brief study of the various books and history of the text. Professor Prince and Mr. Osborn.

II. Hebrew Poetry. Study of the Psalter, with special reference to the text. Professor Prince.

III. Studies in Job. Professor Prince.

IV. Critical textual and exegetical studies in the Pentateuch. Professor Prince.

(Courses III. and IV. need not necessarily be taken consecutively.)

SYRIAC.

I. Bernstein's *Chrestomathia*, with reference to Nöldeke's *Syrische Grammatik*. Professor Prince.

(This course may be taken only by candidates who exhibit a satisfactory knowledge of Aramaic and of the elements of Syriac.)

SANSKRIT.

* I. Elementary Course. (a) Perry's Sanskrit Primer ; Selections from the classical portion of Lanman's Reader ; Whitney's Grammar. (b) Lectures on Indian Literature.

Professor Cooper.

II. Advanced Course. Hymns from the Rig-Veda.

Professor Cooper.

ENGLISH.

ENGLISH LITERATURE.

I. Development of the Drama. Study of the historical development of the Drama from the earliest period. Critical examination of selected masterpieces.

Professor Stoddard.

II. Modern Drama. Study of dramatic art as illustrated in selected masterpieces of the Elizabethan and Restoration periods.

Professor Stoddard.

III. Comparative Literature. Study of the intellectual activity of a single great period. Examination and study of contemporaneous English, French, German, and Italian masterpieces.

Professor Stoddard.

IV. Development of Fiction. Study of the history and characteristics of English Fiction.

Professor Stoddard.

ENGLISH PHILOLOGY.

* I. Anglo-Saxon (Introductory Course). Study of the history and development of the Old English dialects. Critical examination of selected examples of Old English prose.

Professor Stoddard.

II. Anglo-Saxon (Advanced Course). Study of Old English poetry, with especial reference to the phonology and prosody.

Professor Stoddard.

III. English Philology (Advanced Course). The dialects and the literature of the Middle English period.

Professor Stoddard.

GERMAN.

GERMAN LITERATURE.

- * I. The Life and Works of Martin Luther. Professor McLouth.
- II. Selected plays of Hans Sachs. Professor McLouth.
- III. The *Göttinger Hain*. Professor McLouth.
- IV. GERMAN LITERATURE. Critical study of period from Luther to Lessing, with collateral reading. Professor Isaacs.
- V. GERMAN LITERATURE. The German Drama, with especial reference to Lessing, Schiller, and Goethe, with collateral reading. Professor Isaacs.
- VI. GERMAN HISTORICAL READING. Freytag's *Bilder aus der deutschen Vergangenheit*, with introduction to study of German history. Professor Isaacs.

GERMAN PHILOLOGY.

- * I. Introductory Course in Middle High German. Professor McLouth.
- II. Advanced Course in Middle High German. *Parzival*. Professor McLouth.
- * III. Introductory Course in Old High German. Professor McLouth.

ROMANCE LANGUAGES.

FRENCH.

- * I. SOURCES AND DEVELOPMENT OF FRENCH COMEDY. Influence of Italy and Spain on writers of Comedy in France, as illustrated in the works of Corneille and Molière. Nisard : *Histoire de la littérature française*. De Julleville : *Le Théâtre en France*; *Les Comédiens en France*. Moland : *Molière et le Théâtre italien*. Larroumet : *La Comédie de Molière*. Professor Gillett.

- II. STUDY OF THE BEGINNINGS AND GROWTH OF FRENCH TRAGEDY. Investigation of sources of selected plays of

Corneille and Racine. Demogeot : *Littératures méridionales*. Ste. Beuve : *Portraits littéraires*. Paul Albert : *La Littérature française au XVII^e Siècle*. Nisard, De Julleville, etc.
Professor Gillett.

III. RENAISSANCE LITERATURE IN FRANCE. With especial reference to the influence of Rabelais, Montaigne, the *Satyre Ménippée*, Marot, and Ronsard. Lenient : *La Satire en France au XVI^e Siècle*. Stapfer : *Rabelais, sa personne, son génie et son œuvre*. Paul Albert : *La Littérature française au XVI^e Siècle*. Darmsteter and Hatzfeld : *Le XVI^e Siècle en France*. Nisard, Demogeot, etc.
Professor Gillett.

IV. GENERAL INTRODUCTION TO FRENCH LITERATURE IN THE NINETEENTH CENTURY. The Romantic Movement. Chateaubriand, Victor Hugo, Lamartine, de Vigny, de Musset, Balzac, Mérimée, George Sand, etc., with collateral reading.
Professor Cante.

V. THE FRENCH DRAMATISTS OF THE NINETEENTH CENTURY. Chief plays of Victor Hugo, Alexandre Dumas, Ponsard, Scribe, Augier, Alexandre Dumas fils, Labiche, Paillet, de Bornier. Pellissier : *Le Mouvement littéraire au XIX^e Siècle*. Lauson : *Histoire de la Littérature française*. J. Reinach : *L'Eloquence française depuis la Révolution jusqu'à nos jours*.
Professor Cante.

SPANISH.

I. SPANISH LITERATURE IN THE TIME OF CERVANTES. Study of *Don Quixote* and the Picaresque Novel; *Marcos de Obregon*, *Lazarillo de Tormes*, etc. Ticknor : *History of Spanish Literature*. Sismondi : *Literature of the South of Europe*. Bouterwek, Schlegel.
Professor Gillett.

II. HISTORY OF THE DRAMA IN SPAIN. Study of its rise and development in the Seventeenth Century. Selected plays of Lope de Vega (E. Zerolo, *Obras Escogidas*), Calderon (MacColl's *Select Plays*), and Juan de Alarcon. Moratin : *Orígenes del teatro español*. Ticknor, Schack, Revilla, etc.
Professor Gillett.

GROUP II.—PHILOSOPHY AND HISTORY.

PHILOSOPHY.

I. The History of Ancient Philosophy.

Professor MacCracken.

II. The History of Modern Philosophy.

Professor MacCracken.

III. Contemporary Ethics. Professor MacCracken.

IV. Philosophy of Theism. Professor MacCracken.

* V. Experimental Psychology. (a) Lectures and demonstrations in Physiological and Experimental Psychology. (b) Laboratory work. (Auditors will be admitted to (a) separately from (b).) Professor Bliss.

* VI. Research work in Experimental Psychology.

Professor Bliss.

VII. Descriptive Psychology. Professor Shimer.

VIII. The History of Psychology. Professor Shimer.

IX. History of Ethics. Professor Weir.

X. Theory of Knowledge, with special reference to Kant's Critique of Pure Reason. Professor Weir.

XI. Metaphysics; a study of the leading metaphysical problems. Professor Weir.

COMPARATIVE RELIGION.

* I. Hinduism, Buddhism, Mohammedanism, Zoroastrianism, Confucianism, Taoism. Professor Ellinwood.

II. Shinto. Fetishism. The Druse Religion. The ancient Druids. The faiths of ancient Egypt, Assyria, Greece and Rome. The Norsemen. The religions of Mexico and Peru. Prevalence of Monotheism. Ancient traditions of men. The modern Somajas of India. Theosophy and "Christian Science." Professor Ellinwood.

III. The Philosophy of Religion. Relation of philosophy to religion. The universal prevalence of religious faiths. Comparative Theism. Greek Philosophy and its influence upon the Christian Church. Outlines of Lotze's Argument for Religion. Pfeiderer's Sketches of Philosophic Systems. Contacts of Philosophy with Christian Doctrine.

Professor Ellinwood.

SOCIOLOGY.

* I. Introduction to Sociology. An introduction to social science, with an elementary course in the origin of civilization and the early history of institutions, in preparation for the scientific study of political and social economics. Spencer's *Study of Sociology*, Sumner's *Social Classes*, and Peschel's *Races of Man* will be used as text-books.

Professor Russell.

II. Principles of Sociology. This course is in part a study of the Spencerian philosophy of evolution in its sociological aspects. The *Principles of Sociology*, in two volumes, are read and freely discussed. Other text-books in use are Kidd's *Social Evolution* and Drummond's *Ascent of Man*.

Professor Russell.

ECONOMICS.

* I. History of Political Economy. In this course the development of economic science will be discussed and the views of the different schools of economic thought will be presented in their historical order. Professor Colby.

II. The historical development of the modern industrial system. This will include a study of the characteristic features of the industrial organization at successive periods, and an investigation of the causes of industrial changes.

Professor Colby.

III. Practical Economics. A course dealing with the practical application of economic principles to existing social conditions.

Professor Colby.

HISTORY.

I. Critical study of the French Revolution and of the Napoleonic Era. Professor Brown.

II. Comparative study of Federal Government. Professor Brown.

III. History of the origins and development of the Constitution of the United States. Professor Brown.

IV. Constitutional History of the Roman Republic, with special attention to the development of Institutions. Professor Sihler.

V. Greek History in the 5th and 4th centuries B.C., with readings from the sources. Mr. Sill.

VI. The relations between the Roman Empire and the Church from Nero to Theodosius. Mr. Sill.

GROUP III.—EXACT AND DESCRIPTIVE SCIENCES.
MATHEMATICS.

*I. Differential and Integral Calculus. Authors—Osborne or Williamson. Professor Ladue.

II. Solid Analytic Geometry and modern methods in Analytic Geometry. Authors—Frost, Salmon.

Professor Ladue.

III. Differential Equations and Theory of Surfaces. Authors—Forsyth, Darboux. Professor Ladue.

IV. Advanced Differential and Integral Calculus and Elementary Theory of Functions. Authors—Jordan, Harkness and Morley. Professor Ladue.

PHYSICS.

*I. Magnetism and Electricity. Professor Hering.

*II. Mechanics. Professor Hering.

Courses I. and II. consist in each instance of : (a) A general résumé of Physics upon Daniell's, Barker's, or Peddie's Physics as a basis. (b) Study of a particular branch of Physics by reading, lectures, and written exercises. (c) Laboratory work in the particular branch chosen.

III. Magnetism and Electricity (Higher Course). Open only to those who have taken I. Professor Hering.

IV. Mechanics (Higher Course). Open only to those who have taken II., or who have completed the course in Civil Engineering. Professor Hering.

V. Molecular Physics. Kinetic Theory of Gases and Liquids. Thermodynamics. Professors Loeb and Hering.

For all except Course I. a knowledge of the Calculus is essential.

CHEMISTRY.

*I. Laboratory Course in advanced Analytical Chemistry. Professor Hall.

*II. Laboratory Course in Inorganic Synthesis. Professor Loeb.

III. Laboratory Course in Inorganic Research. Professor Hall.

*IV. Organic Chemistry. Lectures and Laboratory. Professor Loeb.

V. Physical Chemistry. Lectures and elementary laboratory work. Professor Loeb.

VI. Seminary in history and theory of Chemistry. Professor Loeb.

* VII. Normal Course in Experimental and General Chemistry. Chiefly for teachers. Lectures and laboratory practice. Professors Hall and Loeb.

GEOLOGY.

* I. Economic Geology. This course includes discussion of non-metallic substances used in the industries ; the nature and origin of soils ; the sources of water supply ; building stones ; fuels and ore deposits ; their mode of occurrence ; their geological origin and relations ; how to determine the value of deposits ; how the materials are won ; incidental references to metallurgic processes. - Professor Stevenson.

II. Advanced General Geology. Lyell's *Principles of Geology* is the general book of reference, but special reading will be required along indicated lines. Professor Stevenson.

III. Invertebrate Palaeontology. Lectures and laboratory exercises throughout the year.

Professor Stevenson.

ROLL OF STUDENTS.

William F. Anderson (133 W. 4th St.), *New York City.*
Ohio Wesleyan University, A.B., 1884.
Philosophy, III.; Comp. Relig., III.

Elsie W. Atwater (232 Jefferson Ave.), *Brooklyn, N. Y.*
Smith College, A.B., 1889. *English Phil., II.*

Grace B. Beach (20 E. 120th St.), *New York City.*
N. Y. Normal College, B.S., 1894. *Chemistry, VII.*

Henry T. Beatty (1230 Bloomfield St.), *Hoboken, N. J.*
Lafayette College, A.B., 1887 ; M.A., 1890.
Comp. Relig., II., III.

Margaret G. Bradford (365 Henry St.), *Brooklyn, N. Y.*
Boston University, A.B., 1887. *English Lit., III.*

Elbert W. Brown (204 Madison Ave.), *Flushing, L. I., N. Y.*
Yale University, A.B., 1865. *Philosophy, V.*

James C. Byrnes (66 E. 88th St.), *New York City.*
C. C. N. Y., B.S., 1886. *Philosophy, VII.*

Albert Cain, *Midland Park, N. J.*
National Normal School, A.B., 1873 ; New York University,
M.A., 1894. *Arabic, I.*

John Campbell (4 W. 104th St.), *New York City.*
C. C. N. Y., A.B., 1888 ; Columbia College, M.A., 1890.
Hebrew, III.; Arabic, III.

Frederick B. Carter (61 Church St.), *Montclair, N. J.*
New York University, A.B., 1894 ; M.A., 1895.
Philosophy, II.; Comp. Relig., I., II.

Julia R. S. Chellborg (259 W. 131st St.), *New York City.*
New York Normal College, B.S., 1894. *Chemistry, VII.*

Fanny Cohen (168 W. 121st St.), *New York City.*
 Vassar College, A.B., 1895. *Chemistry, IV.*

J. A. Cole, *Arlington, N. J.*
 Wesleyan University, A.B., 1887 ; M.A., 1890.
Comp. Relig., II., III.

Frank S. Cookman (M. E. Centenary Church), *Jersey City, N. J.*
 Wesleyan University, A.B., 1879 ; M.A., 1882.
Hebrew, I.; Comp. Relig., I.

Elmer E. Count, *Carmel, N. Y.*
 Williams College, A.B., 1885. *Comp. Relig., II., III.*

Frederick W. Cutler, *Morristown, N. J.*
 Rutgers College, A.B., 1883 ; M.A., 1886.
Pol. Sci., I., II.

W. L. A. Dalton (613 E. 9th St.), *New York City.*
 C. C. N. Y., B.S., 1883.
Philosophy, III., V.; History, II.

Arthur D. Davis (40 W. 77th St.), *New York City.*
 New York University, A.B., 1885.
Pol. Sci., I.; History, II.; English Lit., IV.

Alice B. Dudek (75 W. 55th St.), *New York City.*
 New Windsor College, L.B., 1895.
English Lit., II., IV.; English Phil., I.

Edwin C. Eckel (429 W. 162d St.), *New York City.*
 New York University. *Geology, II.*

George P. Eckman, *Morristown, N. J.*
 Wesleyan University, M.A., 1892 ; New York University,
 M.A., 1894. *Latin, IV.; English Lit., III.*

Frederick W. Eveleth (313 Bergen Ave.), *Jersey City, N. J.*
 Dartmouth College, A.B., 1862 ; New York University,
 M.A., 1893. *French, III.*

Louise G. Farrant (174 Grand St.), *Jersey City, N. J.*
 Barnard College, A.B., 1893. *English Lit. III., IV.*

William L. Felter (366 Hancock St.), *Brooklyn, N. Y.*
 C. C. N. Y., A.B., 1883. *English, IV.; Pol. Sci., II.*

Joseph A. Fripp (64 E. 111 St.), *New York City.*
 C. C. N. Y., A.B., 1879. *Philosophy, V.*

Arthur B. Frizell (University Heights), *New York City.*
 Harvard University, A.B., 1893.
German Phil., I.; Mathematics, IV.

Theodore A. Gessler (719 St. Nicholas Ave.), *New York City.*
 New York University, A.B., 1894.
Assyrian, II.; Pol. Sci., I.

Frank G. Gilman (774 Highland Ave.), *Newark, N. J.*
 Cornell University, B.L., 1888. *English Phil., I.*

Hattie Goff (38 W. 34th St.), *New York City.*
 Kentucky College, A.B., 1876; New York University, M.A.,
 1894. *English Lit., III.*

Annie M. Goodrich (73 Auburn St.), *Paterson, N. J.*
 Smith College, A.B., 1892. *Mathematics, I.*

John D. Haney (1233 Third Ave.), *New York City.*
 C. C. N. Y., B.S., 1893. *Chemistry, I.*

A. V. Hiester (Harbaugh Hall), *Lancaster, Pa.*
 Franklin and Marshall College, A.B., 1887. *Pol. Sci., II.*

A. H. Holthusen (60 Buena Vista Avenue), *Yonkers, N. Y.*
 Concordia College, 1891. *Hebrew, III.; Aramaic, I.*

Josephine Howard (365 Henry St.), *Brooklyn, N. Y.*
 Boston University, A.B., 1890. *English Lit., III.*

Harriet M. Jenckes (525 Clinton Ave.), *Brooklyn, N. Y.*
 Vassar College, A.B., 1884; New York University, M.A.,
 1895. *Latin, IV.*

S. Gedney Keyser (Golden's Bridge), *Westchester Co., N. Y.*
 New York University, A.B., 1866; M.A., 1886.
Comp. Relig., I.; Pol. Sci., II.

I. Henry Kirby (University Heights), *New York City.*
 New York University, B.S., 1895.
Chemistry, I.; Geology, II.

Julius W. Knapp (220 E. 124th St.), *New York City.*
 Muhlenburg College, A.B., 1879.
Comp. Relig., II.; Pol. Sci., II.

Walter Laidlaw (416 W. 64th St.), *New York City.*
 University of Toronto, A.B., 1881; M.A., 1886.
Comp. Relig., III.

Marion Law (46 E. 43d St.), *New York City.*
 University of Denver, A.B., 1892.
Comp. Relig., I., II.; Pol. Sci., II.

Henry Lewis (110 W. 124th St.), *New York City.*
 New York University, A.B., 1893; M.A., 1895. *Greek, I.*

Fay M. MacCracken (University Heights), *New York City.*
 Bryn Mawr, A.B., 1894. *German Phil., I.*

John H. MacCracken, *Halle, Germany.*
 New York University, A.B., 1894. *Philosophy, III.*

Edward W. McGuffey, *Newtown, L. I., N. Y.*
 Kenyon College, A.B., 1876. *Philosophy, III.; Pol. Sci., I.*

Alexander S. MacLeod (101 W. 91st St.), *New York City.*
 Columbia College, A.B., 1891; New York University, M.A.,
 1894. *Philosophy, III.*

Joseph T. Mahon (21 W. 18th St.), *New York City.*
 St. Mary's Seminary, A.B., 1893; New York University,
 M.A., 1895. *Hebrew, III.; Aramaic, II.*

George C. Mason (1423 Lexington Ave.), *New York City.*
 New York University, B.S., 1892; M.S., 1894.
Pol. Economy, II.

Emma G. Mateer (318 W. 22d St.), *New York City.*
 N. Y. City Normal College, 1891. *English Lit., III.*

John Melville (29 St. John's Place), *Brooklyn, N. Y.*
 University of London, A.B., 1892. *Philosophy, VII.*

George W. Osborn (University Heights), *New York City.*
 New York University, A.B., 1895.
Assyrian, II.; Arabic, III.; Ethiopic, I.

George P. Pardington (158 Summit St.), *Brooklyn, N. Y.*
 New York University, A.B., 1893; M.A., 1895.
Aramaic, I.; Hebrew, III.

Arthur C. Perry, Jr., *Leipzig, Germany.*
 New York University, B.S., 1892; M.S., 1894.
Pol. Sci., II.

Frank W. Pine (University Heights), *New York City.*
 University of Michigan, A.B., 1894.
English Lit., III.; History, II.

Herbert F. Randolph, *Bernardsville, N. J.*
 Dickinson College, A.B., 1893. *Hebrew, II.*

Joseph D. Reardon (559 W. 42d St.), *New York City.*
 C. C. N. Y., B.S., 1889. *Philosophy, III.; History, II.*

Barbara K. Renz, *Tarrytown, N. Y.*
 University of Rome, Ph.D., 1892. *Greek, I.; Pol. Sci., II.*

Josephine C. Robertson (University Heights), *New York City.*
 Wellesley. *French, I.; English Phil., I.; Arabic, I.*

Robert L. Rudolph (232 E. 52d St.), *New York City.*
 New York University, A.B., 1892. *Comp. Relig., II.*

Karl Schwartz (334 W. 57th St.), *New York City.*
 Syracuse University, A.B., 1886.
Comp. Relig., II.; Pol. Sci., II.

J. A. Schwoy, *Hackensack, N. J.*
 Concordia College, 1880; New York University, M.A., 1895.
Latin, IV.

George G. Seibert, *Garfield, N. J.*
 New York University, A.B., 1889. *Comp. Relig., I.*

F. J. Shackleton, *Bridgeton, N. Y.*
 Syracuse University, A.B., 1881.
Philosophy, III.; Comp. Relig., II.

Charles G. Shaw (Drew Seminary), *Madison, N. J.*
 Cornell University, B.L., 1894.
Comp. Relig., I.; Philosophy, X.

Charles N. Shepard (Gen. Theo. Sem., Chelsea Sq.), *New York City.*
 Trinity College, A.B., 1891. *Comp. Relig., III.*

William E. Staub (577 N. Broad St.), *Elizabeth, N. J.*
 Bucknell University, A.B., 1887; M.A., 1890.
Pol. Sci., I.; Philosophy, III.

Denis F. Tarpey (477 Sixteenth St.), *Brooklyn, N. Y.*
 St. Francis College, B.S., 1892; St. Francis Xavier, M.A.,
 1893. *Mathematics, I.*

Thomas B. Thomas, *Monroe, N. Y.*
 Mt. Union College, A.B., 1883; M.A., 1886.
Philosophy, III.; Comp. Relig., I., III.



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Edith P. Thomson (310 W. 48th St.),	<i>New York City.</i>
Wellesley College, A.B., 1892. <i>Greek, I.</i>	
Edgar Tilton, Jr.,	<i>Jamaica, N. Y.</i>
New York University, A.B., 1886.	
<i>Philosophy, III.; Comp. Relig., III.</i>	
L. J. Tompkins (University Heights),	<i>New York City.</i>
New York University, B.S., 1890; M.S., 1894.	
<i>English Lit., III.</i>	
F. D. Torrey,	<i>Madison, N. J.</i>
Syracuse University, A.B., 1891. <i>Comp. Relig., I.</i>	
E. H. Warren (University Heights),	<i>New York City.</i>
Harvard University, A.B., 1895. <i>History, II.</i>	
Rawson Warren (41 E. 69th St.).	<i>New York City.</i>
Leland Stanford, Jr., University, A.B., 1894.	
<i>Pol. Sci., II.; Comp. Relig., I., II.</i>	
Martha M. Watson (Chappaqua Institute),	<i>Chappaqua, N. Y.</i>
Swarthmore College, A.B., 1886; M.A., 1891. <i>Latin, IV.</i>	
J. C. Worley (65 W. 99th St.),	<i>New York City.</i>
Missouri Valley College, A.B., 1894.	
<i>Comp. Rel., I.; Pol. Sci., I.</i>	
	Total, 75.